

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
3702	E-284, E-275	78	RGS-PVC coated conduit	436.32	1935.24	UP210-1B-1B	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-2	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3703	E-284	53	RGS-PVC coated conduit	725.01	879.42	UP210-1B-3	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-4	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1B-3C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
3704	E-284, E-285	53	RGS-PVC coated conduit	436.32	879.42	UP210-1B-4	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						UP210-1B-3C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-3A	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3705	E-284, E-275	53	RGS-PVC coated conduit	315.59	879.42	UP210-1B-3B	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-4	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1B-3C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
3706	E-284, E-275	53	RGS-PVC coated conduit	241.67	879.42	UP210-1B-5	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-5C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-6	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3707	E-284, E-275	53	RGS-PVC coated conduit	241.67	879.42	UP210-1B-6	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						UP210-1B-5A	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-5C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3708	E-284, E-275	53	RGS-PVC coated conduit	241.67	879.42	UP210-1B-5B	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-5C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-6	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3800	E-284, E-275	53	RGS-PVC coated conduit	387.11	879.42	UP210-1B-8	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1B-7	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-7C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
3801	E-284	53	RGS-PVC coated conduit	483.34	879.42	UP210-1B-8	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1B-7A	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-7C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
3802	E-284, E-275	78	RGS-PVC coated conduit	436.32	1935.24	Pull rope	Soft-Fiber Polyester
						UP210-1B-8	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						UP210-1B-7C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-7B	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
3803	E-284, E-275	53	RGS-PVC coated conduit	725.01	879.42	UP210-1B-10	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1B-9	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-9C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
3804	E-284, E-285	78	RGS-PVC coated conduit	436.32	1935.24	Pull rope	Soft-Fiber Polyester
						UP210-1B-10	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						UP210-1B-9A	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-9C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
3805	E-284, E-275	53	RGS-PVC coated conduit	337.90	879.42	UP210-1B-10	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP210-1B-9B	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-9C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
3806	E-284, E-275	53	RGS-PVC coated conduit	241.67	879.42	UP210-1B-12	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						UP210-1B-11	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-11C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
3807	E-284, E-275	53	RGS-PVC coated conduit	241.67	879.42	UP210-1B-11A	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-11C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-12	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester



DIST	COUNTY	ROUTE	KILOMETER POST	SHEET NO
04	SF	80	13.2/13.9	386 R2 1204

12/19/02
REGISTERED PROFESSIONAL ENGINEER DATE
JENS ERLINGSSON NO. 8249
PB POWER, Inc.
A Parsons Brinckerhoff Company
303 Second St., Suite 700N
San Francisco, CA 94107-1317
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REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

△ 2	10/30/08	SERVICE PLATFORM ELECTRICAL CHANGES	RR	RG	55
△ 1	03/04/08	BARRIER MODIFICATIONS	JS	RG	44
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#

CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

FOR REVISION ONLY

CONDUIT DATA

Conduit No	Reference	Size	Type	Total Fill (mm²)	Allowable Fill (mm²)	Included Cable No.	Conductor Type
3808	E-284, E-275	53	RGS-PVC coated conduit	241.67	879.42	UP210-1B-12	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						UP210-1B-11B	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						UP210-1B-11C	2 + 1 gnd #8, #10, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
4009	E-71A △ 2	53	RGS-PVC coated conduit	60.80	879.42	Pull rope	Soft-Fiber Polyester
						UP104-5	2 + 1 gnd #10, #10, 600 V, RHH/RHW insulation
4010	E-71A	53	RGS-PVC coated conduit	98.42	879.42	UP104-12	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						Pull rope	Soft-Fiber Polyester
						UP104-10	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
4011	E-71A	53	RGS-PVC coated conduit	0.00	879.42	Pull rope	Soft-Fiber Polyester
4029	E-72A	78	RGS-PVC coated conduit	1217.21	1935.24	1201-5	1-3/C #14,600 V, EPR insulation
						UP105-15	1-2/C + gnd #8,600 V, EPR insulation
						Pull rope	Soft-Fiber Polyester
						1201-4	1-9/C #16,600 V, EPR insulation
						1201-3	1-3/C #14,600 V, EPR insulation
						1201-1	1-2/C + gnd #8,600 V, EPR insulation
						1201-6	1-2/C + gnd #8,600 V, EPR insulation
						1201-2	1-2/C + gnd #8,600 V, EPR insulation
4033	E-72A △ 2	53	RGS-PVC coated conduit	481.89	879.42	Pull rope	Soft-Fiber Polyester
						UP105-5	2 + 1 gnd #12, #12, 600 V, RHH/RHW insulation
						UP105-13	1-2/C + gnd #12,600 V, EPR insulation
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